



TECHNOLOGY AREA TEMPLATE

DEFINITION

<i>Name</i>	Testing Tools
<i>Description</i>	Testing Tools provide a variety of automated solutions that: <ul style="list-style-type: none">• validate, test, and debug applications• builds reusable load files, test cases or scripts• measure performance, predict system behavior and assess stress levels by simulating hundreds or thousand of concurrent end users utilizing the application• monitor, detect, analyze and resolve problems across the enterprise
<i>Rationale</i>	Testing tools provide a quick, easy and effective means to test, verify, monitor, measure, debug and tune an application resulting in an efficient quality product.
<i>Benefits</i>	<ul style="list-style-type: none">• Reduce problem determination time• Quick, easy and effective delivery of applications• Efficient and dependable applications• Reusable data, files and scripts• Record users actions for testing replay and regression testing• Repeatable process• Ability to do standardized or stochastic(monkey or random) testing• Augment Problem Prevention• Identify, reduce or eliminate performance problems• Control cost of ownership by providing information to optimize program logic• Delivery of quality engineered applications

ASSOCIATED ARCHITECTURE LEVELS

<i>Specify the Domain Name</i>	Application
<i>Specify the Discipline Name</i>	Development Tools

KEYWORDS

<i>List Keywords</i>	CA InterTest, DMLO, Job Scan, Mercury Load Runner, Omegamon, Rational Test, Strobe, Team Studio, Tic Toc, testing, debugging, performance, validation, regression
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ASSOCIATED COMPLIANCE COMPONENTS

<i>List the Compliance Component Names</i>	Software Testing & Debugging Tools
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ASSOCIATED PRODUCT COMPONENTS

<i>List the Product Component Names</i>	CA InterTest, DMLO, Job Scan, Mercury Load Runner, Omegamon, Rational Test, Strobe, Team Studio, Tic Toc
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CURRENT STATUS

<i>Provide the Current Status</i>	<input type="checkbox"/> In Development <input type="checkbox"/> Under Review <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Rejected
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AUDIT TRAIL

<i>Creation Date</i>	09/21/04	<i>Date Approved / Rejected</i>	10/12/04
<i>Reason for Rejection</i>			

<i>Last Date Reviewed</i>		<i>Last Date Updated</i>	
<i>Reason for Update</i>			